

Decarboxylation of Mercuric Propionate With
Peroxides

77904
SOV/79-30-2-55/78

Sciences, Belorussian SSR (Institut fiziko-organicheskoy
khimii Akademii nauk Belorusskoy SSR)

SUBMITTED: February 9, 1959

Card 7/7

MAYER, O.^A, acad.
n

Pencils of the congruences of the straights. Studii mat Iasi 12 no.1:
53-67 '61.

1. Redactor responsabil "Studii si cercetari stiintifice, Matematica"
[Academia Republicii Populare Romine, Filiala Iasi].

MAYER, O.^{A.}, acad.

Infinitesimal transformations of the surfaces in the projective space. Studii mat Iasi 13 no.1:87-107 '62.

MAYER, O., acad.

Observations on B.Segre's lattices. Studii mat Iasi 14
no. 2:291-310 '63.

S/035/62/000/010/098/128
A001/A101

AUTHORS: Mayer, O. A., Ocheret'ko, A. K.

TITLE: Stereophotogrammetric method as applied to producing topographic bases on 1:25,000 scale for geological maps

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 10, 1962, 26, abstract 10G128 ("Tr. Novosib. in-ta inzh. geod., aerofotos'yemki i kartogr.", 1961, v. 15, 65 - 77)

TEXT: The authors analyze the technical procedure of compiling geological maps adopted in MG and ON of the USSR. As a result of processing 28 trapezia, it was established that the precision of the topographic base of a 1:25,000 map corresponds to the precision of the initial 1:100,000 map. A new technical procedure, developed by the Siberian expedition of the "Soyuzmarkshtrest", is proposed. Aerial photosurvey is conducted on 1:25,000 scale at 60% longitudinal and transversal overlapping of photographs with application of a H-55 (N-55) gyrostabilizing device, a radio altimeter PBTД (RVTD) and a statoscope. The plan part of the topographic base is constructed by the photopolygonometrical

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S/035/62/000/010/008/128

A001/A101

Stereophotogrammetric method as...

method; heights of reference 4 - 6 points of each stereopair are determined from the data of aeroradioleveling. Within each stereopair, interspacing of the height network is carried out by the method of undistorted model. Precalculated errors, characterizing displacement in plan of any contour point relative to the points of the survey network, are equal to $M_{x,y} \approx 0.3$ mm, and $M_h = \pm 5$ m. Topographic bases created according to the new technique are characterized, as compared with a topographic map made on the normal geodetic base, by magnitudes of rms errors in plan being ± 0.7 mm and in height ± 4.8 m. The cost of topographic bases is somewhat increased, which is explained by increasing amount of office work and necessity of performing special aerial flights. There are 5 references.

I. Mityachkin

[Abstracter's note: Complete translation]

Card 2/2

SUVA, J.; MATEJKA, M.; KRISKA, M.; ROLLOVA, E.; MAYER, O.; Technická spolupráce: MATEJKOVA, B.

Effect of ascorbic acid on experimental liver damage. I. Serum transaminase in carbon tetrachloride lesions. Cesk. gastroent. vyz. 17 no.6:337-342 S '63.

1. Farmakologický ústav lékařské fakulty KU v Plzni, přednosta prof. dr. Z. Kochar Histologicko-embryologický ústav lékařské fakulty KU v Plzni, přednosta prof. dr. O. Slaby, DrSc.

(CARBON TETRACHLORIDE POISONING)

(ASCORBIC ACID) (AMINOTRANSFERASES)

(ALANINE AMINOTRANSFERASE)

(ASPARTATE AMINOTRANSFERASE)

(ENZYME TESTS) (BLOOD)

(HEPATITIS, TOXIC)

L 12971-66 EWT(1)/EWA(1)/EWA(b)-2 RO
ACC NR: AP6005615 SOURCE CODE: CZ/0079/65/007/002/0152/0154

AUTHOR: Mayer, O.; Vitek, V.; Suva, J.

ORG: Institute of Pharmacology, Medical Faculty, Charles University, Plzen;
Institute of Experimental Therapy, Prague

TITLE: Effect of cycloserine on enzyme activity in vitro [This paper was presented
at the Third Interdisciplinary Conference on Experimental and Clinical Study of
Higher Nervous Functions held in Marianske Lazne from 19 to 23 October 1964.]

SOURCE: Activitas nervosa superior, v. 7, no. 2, 1965, 152-154

TOPIC TAGS: drug effect, enzyme, rat, brain, antibiotic

ABSTRACT: Cycloserine (CS) is an antibiotic that shows different
effects in vitro than in vivo. CS changes under certain conditions
by dimerization to 2,5 bis-(aminooxymethyl)-3,6-diketopiperazine
(BAMP). Effects of CS and BAMP were studied on rat brain in
vitro; BAMP inhibits the formation of glutamic oxaloacetic acid
(GO-T) more strongly than CS. Orig. art. has: 1 table. [JPRS]

SUB CODE: 06 / SUBM DATE: none / OTH REF: 003 / SOV REF: 002

Card 1/1

ACCESSION NR: AR1049215

07/02/10/04/000/000/000/000/000

SOURCE: Ref. zh. Geodeziya, bld. vy*p., Abs. 8-52-203

AUTHOR: Mayer, O. A.

TITLE: A stereo-photogrammetric method for determining the coefficient of rock pulverization in large scale explosions

CITED SOURCE: Tr. Novosib. in-ta inzh. geod., aerofoto. i yemka i kartogr., v. 17, no. 2, 1964, 37-45

TOPIC TAGS: open pit mining, blast mining, rock pulverization factor, surface stereophotogrammetry

TRANSLATION: This article considers the feasibility of determining the coefficient of rock pulverization (K_p) in large scale explosions by means of surface

D 22188-65

ACCESSION NR: AR4049245

stereophotogrammetric techniques. Completed research and verification of the developed procedures at four open pit mines (total cubic content about 150,000 m³) served to establish that actual deviations in determining volumes stereophotogrammetrically coincide well with the precomputed error factor $m_v = 1.0 \pm 0.012v$. The latter value was obtained with the proviso that errors in external and internal orientation elements are within the limits of accuracy of the photogrammetric survey and that external orientation elements remain constant during the survey of the mine prior to and after the explosion with an accuracy of $\Delta \varphi \leq \pm 30''$, $\Delta \gamma \leq \pm 10''$, $\Delta W \leq \pm 20''$, $\Delta X \leq \pm 20''$.
Bibl. with 7 titles. A. Lenina

SUB CODE: ES, GYA

ENCL: 00

Card

L 13580-66

ACC NR: AP6006063

SOURCE CODE: CZ/0053/65/014/004/0304/0305

AUTHOR: Mayer, O.; Vitek, V.; Suva, J.

ORG: Institute of Pharmacology, Medical Faculty, Pilsen (Farmakologicky ustav lek. fak.); Research Institute for Experimental Therapy, Prague (Vyzkumny ustav experimentalni terapie)

TITLE: Effect of cycloserine on enzymatic reactions in vitro and in vivo [This paper was presented during the Twelfth Pharmacologic Days, Snolenice, 27 Jan 65.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 304-305

TOPIC TAGS: biologic metabolism, biochemistry, isomer, enzyme

ABSTRACT: Contrasting reports of effects of various optical isomers of cycloserine on the pyridoxylphosphate enzymes may be due to the gradual metabolism of cycloserine in vivo and in vitro; test confirmed that both cycloserine isomers strongly inhibit glutamopyruvic transaminase. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 004

SOV REF: 002

Card 1/1 HW

MAYER, P.

Kopecký, M.; Mayer, P.

"Distribution Of Sunspots According To Size And Duration." p. 111. (Bulletin of the Astronomical Institute of Czechoslovakia. Vol. 4, No. 4, July 1953, Praha.)

Vol. 5, No. 5.
So: Monthly List of East European Acquisitions, Library of Congress, March 1954, Wash.

TESENT'YEV, V.; MAYER, P.; PAYZRABEMANOV, M.; KALOSHIN, S.; RADCHENKO, L.;
AKHMETOV, M.; MUSIN, A.Ch., kandidat tekhnicheskikh nauk, otvetstven-
nyy redaktor; OSADCHIY, P.Ya.; POPOKINA, Z.P., tekhnicheskiy redaktor

[Experience in oil well drilling with pneumatic percussion rotary
equipment] Opyt burenia skvazhin pnevmaticheskim udarno-vrashchatel'-
nym sposobom. Alma-Ata, Izd-vo Akademii nauk Kazakhskoi SSR, 1956.
79 p. (MLBA 9:7)

(Oil well drilling)

STEJFA, M., jr.; MAYER, P.; MECHACEK, J.; NICOVSKY, J.

Electrocardiograms with deep terminal S wave in the 2d and
3d standard lead. Vnitřní lek. 11 no.12:1145-1151 D ' 65.

1. II. vnitřní klinika lékařské fakulty University J.E.
Purkyně v Brně (přednosta - prof. MUDr. Jiri Polcák).

MAYER, Ruth

Amino acids of the principal perennial fodder grasses cultivated in Rumania. Comunicarile AR 11 no.5:573-578 My '61.

1. Comunicare prezentata de Alice Savulescu, membru corespondent al Academiei R.P.R.

BACESCU, Mihai; DUMITRESCU, Elena; MARCUS, Amelie; PALADIAN, Gabriela;
MAYER, Rudolf

Some quantitative data on the petricolous fauna of the
Black Sea, in the Agigea Rumanian sector, under the special
conditions of 1961. Trav Muz Nat 4:131-155 '63.

1. "Gr.Antipa" Museum of Natural History.

HAVIAR, V., MUDr.; MAYER, R.

Early activity in patients with myocardial infarction. Bratisl.
lek. listy 45 no. 8:486-491 30 Apr '65

1. II. interna klinika Lekárske fakulty Univerzity Komenského
v Bratislave (vedúci: prof. MUDr. V. Haviar).

LIBIKOVA, H. RENACEK, V. MAYER, J. KOZMICH O. ERSEK, E.

Time-borne antenna. The antenna is fed by antenna method
from 1.5 m. antenna. The antenna is fed by antenna method.
The antenna is fed by antenna method.

1. Institute of the Academy of Sciences of the
Bratislava.

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MYKOVÁ, A.; MATĚJKA, M.; ŠAFR, J.

Antibody response after measles vaccination of adults. *Cesk. epidem. 14* no.3:229-231, 1971.

1. Krajská hygienická a epidemiologická stanice, Bratislava a
Virologický ústav Československé akademie věd, Bratislava.

LIBIKOVA, H.; MAYER, V.; KOZUCH, O.; REHACEK, J.; ERNEK, E.; ALBRECHT, P.

Isolation from Ixodes persulcatus ticks of cytopathic agents
(Kemerovo virus) differing from tick-borne encephalitis virus
and some of their properties. Acta virol. (Praha) [Eng.] 8
no.4:289-301 J1 '64.

1. Institute of Virology, Czechoslovak Academy of Sciences,
Bratislava.

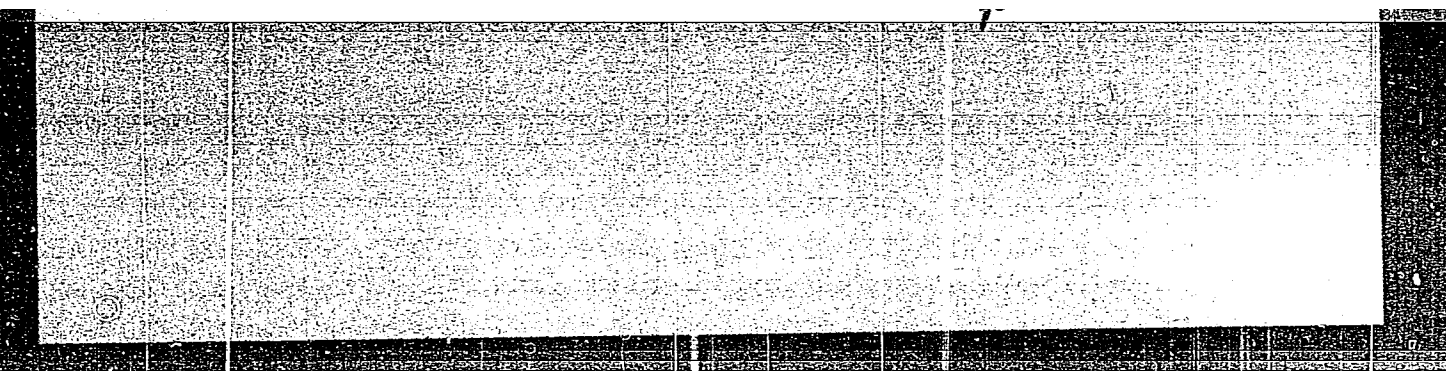
MAYER, VILEM

Rozber suroveho zeleza a oceli. 2. prepracovane a doplnene vyd. Praha, Statni nakl. technicke literatury, 1956. 143 p. (Hutnicke analyticke metody, 1) (Analysis of pig iron and steel. 2d rev. and enl. ed. illus., bibl., diagrs., graphs, tables)

SO: Monthly Index of East European Accessions (EEAI) Vol. 6, No. 11 November 1957

"APPROVED FOR RELEASE: 06/14/2000

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CIA-RDP86-00513R001033020019-2"

MAYER, V.

Analysis With a Small Balance and Electroanalysis. Pt. 3. Special Part; a book review.
p. 210. (Chemické Listy. Vol. 51, no. 1, Jan. 1957.)

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

MAYER, Vilem, inz.

Czechoslovak analytic standards. Hut listy 16 no.12:895-896 D '61.

1. Predseda Hlavni komise pro analyticky standardy pri Uradu pro normalizaci.

(Chemistry, Analytic)

BERICHA, Karel, inz.; MAYER, Vilem, inz.

Photometric determination of zircon by xylenol orange. Hut listy 17
no.12:883-884 D '62.

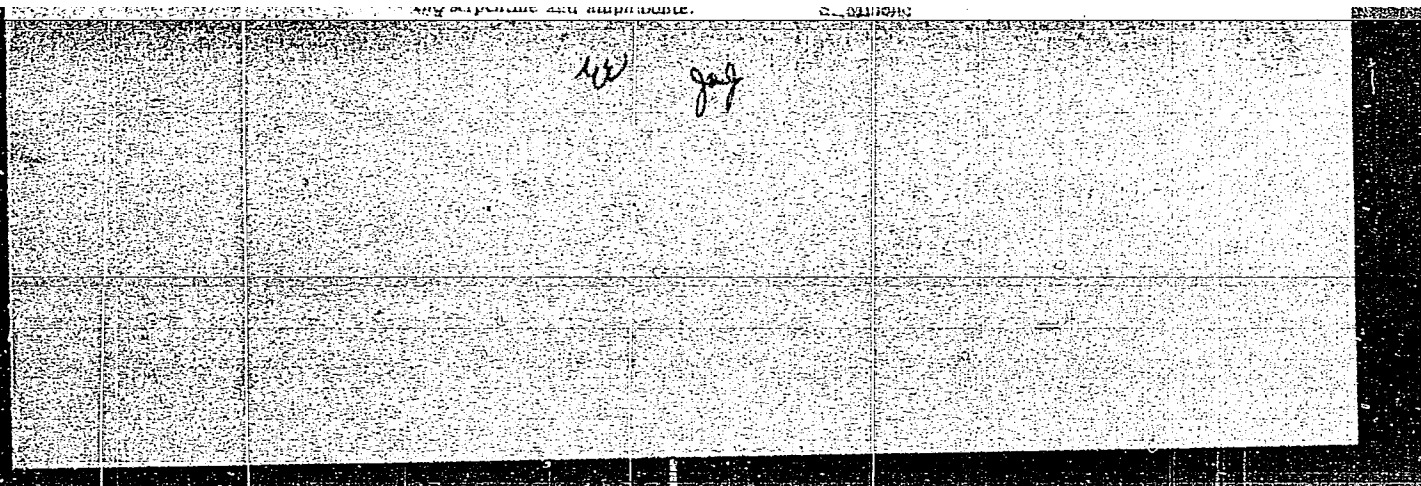
1. Vitkovicke zelezarny Klementa Gottwadia, Ostrava.

Mayer, Vladimir

12
Serpentine mass between Ajvala and Janjevo. Simka
Davidovic, Sten Karamata, and Vladimir Mayer. *Ver-
nik zbornik geol. i geofiz. istrazivanja N.R. Srbije* 12, 146-53
(German summary, 183-3)(1956). Between the ridges of
Ajvala and Janjevo near Peština (Southwestern Serbia)
there appears a small (1.5 by 4.5 km.) mass of serpentine of
Paleozoic age oriented NNW-SSE. On the SW it is
bordered by the cryst. schists of the Veles series and on the
NE by the diabase-hornstone formation. The serpentine

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CZECHOSLOVAKIA/Virology - Human and Animal Viruses

E

Abs Jour : Ref Zhur Biol., No 1, 1959, 506

Author : Mayer, V.

Inst : -

Title : Isolation of Poliomyelitis Virus from the Stools of
Polio Patients and Culture of HeLa Cells.

Orig Pub : Bratisl. lekar. listy, 1958, 1, No 2, 65-76

Abstract : No abstract.

Card 1/1

- 2 -

MAYER, Vlastmil za technickej spoluprace G. Romancikovej.

Examination of the persistence of Coxsackie viruses in a boarding-school collective for young girls. Cesk. epidem. mikrob. imun. 7 no. 4:235-241 July 58.

1. Virologický ústav Československé akademie věd v Bratislav.
(COXSACKIE VIRUSES, infections
persistence of inapparent infect. among girls in boarding
school (Cz))

MAYER, V.; MAYEROVA, A.

Tissue culture using human amniotic membranes in virological work. I.
A simple method of human amnion tissue culture preparation. Cesk.
epidem. mikrob. imun. 7 no.5:311-316 Sept 58.

1. Virologický ústav CSAV v Bratislave Krajská hygienicko-epidemiolog-
ická stanice v Bratislave.

(VIRUSES, culture

tissue culture on amnion (Cz))

(AMNION,

tissue culture for viruses (Cz))

(TISSUE CULTURE,

human amnion tissue culture for viruses (Cz))

MAYER, V.; MAYEROVA, A.; VILCEK, J.

Some aspects of the use of a transformed line of human amniotic cells in virological work. Acta virol. Engl. Ed., Praha 3(Supplem.): 51-54 1959.

1. Institute of Virology, Czechoslovak Academy of Sciences, and
County Sanitary-Epidemiological Laboratory, Bratislava.
(VIRUSES, culture)

VILCEK, Jan; MAYEROVA, Anna; MAYER, Vlastimil; KOCISKOVA, Dagmar

Incidence & method of detection of adenoviruses. Cas. lek. cesk. 98
no.23:714-717 5 June 59.

1. Virologický ústav CSAV, řídítel akademik D. Blaskovic a Krajská
hygienicko-epidemiologická stanice, řídítel MUDr. F. Schulz, V.
Bratislava. J.V., Bratislava, Mlynská Dolina.

(ADENOVIRUS

incidence & detection method (Cz))

LIRKOVA, H.; BLASKOVIC, D.; VILCEK, J.; REHACEK, J.; GRESIKOVA, M.;
MACICKA, O., ERNEK, E., MAYER, V.

Incidence of antibodies against tick-borne encephalitis virus in
man and domestic animals in a small village in a natural focus of
infection. J.hyg.epidem., Praha 4 no.3:327-332 '60.

1. Institute of Virology, Czechoslovak Academy of Sciences,
Bratislava.

(ENCEPHALITIS, EPIDEMIC immunol.)

MAYER, V.; ZEMLA, J.; VILCEK, J.

A method for the production of an interferon in chick-embryo cells. Acta virol. Engl. Ed. Praha 5 no.2:130 Mr '61.

1. Institute of Virology, Czechoslovak Academy of Sciences,
Bratislava.
(VIRUSES culture)

MAYER, V.

Plaque formation by the tick-borne encephalitis virus. Acta virol.
Engl. Ed. Praha 5 no.2:131 Mr '61.

1. Institute of Virology, Czechoslovak Academy of Sciences,
Bratislava.

(ENCEPHALITIS EPIDEMIC virol)

SOKOL, F.; ZEMLA, J.; MAYER, V.; LIBIKOVA, H.

Infectious ribonucleic acid from purified tick-borne encephalitis virus. Acta virol.Engl.Ed.Praha 5 no.2:132 Mr '61.

1. Institute of Virology, Czechoslovak Academy of Sciences,
Bratislava.

(ENCEPHALITIS EPIDEMIC virol)
(RIBONUCLEIC ACID)

MAYER, V.; SOKOL, F.

Quantitative plaque assay of infectious ribonucleic acid (RNA) of eastern equine encephalomyelitis (EEE) virus. Acta virol. ~~Engl. Ed.~~ Praha 5 no.4:269-71 '61.

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.

(ENCEPHALOMYELITIS EQUINE exper)
(RIBONUCLEIC ACID)

MAYER, V.; SOKOL, F.; VILCEK, J.

Effect of interferon on the infection with eastern equine encephalomyelitis (EEE) virus and its ribonucleic acid (RNA). Acta virol. Engl. Ed. Praha 5 no.4:264 JI '61.

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.

(ENCEPHALOMYELITIS EQUINE exper)
(RIBONUCLEIC ACID)

MAYER, Vlastimil; REHACEK, Josef

Symposium on Biology of Encephalitis Viruses. Biologia 16 no.4:
308-309 '61.

(VIRUSES)

MAYEROVA, Anna, Dr.; MAYER, Vlastimil, Dr.

Growth of the stable line of human amniotic cells in various media;
use of the cultures of human amniotic cells in virological work.
Part 2. Biologia 16 no.5:359-356 '61.

1. Krajska hygienicke-epidemiologicka stanica, Bratislava (for Mayerova) 2. Virologicky ustav Ceskoslovenske akademie ved, Bratislava, Mlynska dolina.

(AMNION) (VIRUSES)

BLASKOVIC, Dionyz; MAYER, Vlastimil

Inapparent and latent virus infections in the body. Biologia 16
no.12,933-940 '61.

1. Virologicky ustav Ceskoslovenskej akademie vied v Bratislave.
(VIRUS DISEASES)

MAYER, V.; ZEMLA, J.

The multiplication of tick-borne encephalitis virus in suspended HeLa cell cultures. Acta virol. (Praha)[Eng]6 no.1:53-57 Ja '62.

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.

(ENCEPHALITIS EPIDEMIC virol)

MAYER, V.

Source: ENCEPHALITIS EPIDEMIC virol

"Partial" cytopathic effect of tick-borne encephalitis virus a consequence of persistent infection of stable cell lines. Acta virol. (Praha)[Eng]6 no.1:92 Ja '62.

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.

(ENCEPHALITIS EPIDEMIC virol)

MAYER, V.; SKODA, R.

The behaviour of modified and virulent strains of pseudorabies (Anjeszky disease) virus at different temperatures. Acta virol. (Praha) [Eng]6 no.1:95 Ja '62.

1. Institute of Virology, Czechoslovak Academy of Sciences, and Laboratory of Experimental Veterinary Medicine, Czechoslovak Academy of Agricultural Sciences, Bratislava.

(VIRUSES)

MAYER, V.

Interactions of mammalian cells with tick-borne encephalitis virus.
I. Propagation rate and cytopathic effect of tick-borne encephalitis virus in selected cells and maintenance media. Acta virol. 6 no.3: 239-242 My '62.

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.
(ENCEPHALITIS EPIDEMIC virol) (TISSUE CULTURE)

SCHRAMER, S.; MAYER, V.; ZEMLA, J.

Oxygen uptake and aerobic glycolysis of human cells persistently infected with tick-borne encephalitis virus. Acta virol. 6 no.3: 285 My '62.

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.
(ENCEPHALITIS EPIDEMIC virol) (TISSUE CULTURE)

MAYER, V.

Study of the tick-borne encephalitis virus - chick embryo cell system
by the plaque method. Acta virol. (Praha)[Eng] 6 no.4:309-316 J1 '62.

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.

(ENCEPHALITIS virology) (TISSUE CULTURE)

MAYER, V.

Interactions of mammalian cells with tick-borne encephalitis virus.
II. Persisting infection of cells. Acta virol. (Praha)[Eng] 6 no.4:
317-326 J1 '62.

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.

(ENCEPHALITIS virology) (TISSUE CULTURE)

MAYER, Vlastimil; BLASKOVIC, Dionyz

Latent and persistent virus infections on the niveau of the cell.
Biologia 17 no.1:60-70 '62.

1. Virologicky ustav Ceskoslovenskej akademie vied, Bratislava.

(VIRUS DISEASES)

MAYER, V.

CZECHOSLOVAKIA

MAYER, V.

Virological Institute CSAV (Virologický ústav CSAV),
Bratislava

Bratislava, Lekarský obzor, No 4, 1963, pp 219-226

"Enteroviruses."

MAYER, V.

Study of the virulence of tick-borne encephalitis virus.

I. Experimentally obtained line of tick-borne encephalitis virus with changed pathogenicity for young mice and its immunogenicity. Acta virol. (Praha)[Eng] 7 no.5:421-429 S '63.

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.

(ENCEPHALITIS VIRUSES)
(ENCEPHALITIS, EPIDEMIC)
(VIRUS CULTIVATION)

ALBRECHT, P.; VILCEK, J.; MAYER, V.

The process of multiplication of tick encephalitis viruses
in sensitive cells. Bratisl. lek. listy 43 no.2:88-96 '63.

1. Virologický ústav CSAV v Bratislave, riaditeľ akademik
D. Blaskovic.

(VIRUS CULTIVATION) (ENCEPHALITIS, EPIDEMIC)
(INTERFERON) (TISSUE CULTURE)
(ENCEPHALITIS VIRUSES)

SKODA,R.; BRAUNER,I.; SADECKY,E.; MAYER,V.

Immunization against Aujeszky's disease with live vaccine,
I. Attenuation of virus and some properties of attenuated
strains. Acta virol (Praha) [Engl] 8 no.1:1-9 Ja'64.

1. Institute of Virology, Czechoslovak Academy of Sciences,
Bratislava.

*

MAYER, V.

Study of the virulence of tick-borne encephalitis virus.

II. Pathogenetic properties of two variants of a single virus strain. Acta virol (Praha) [Engl] 8 no.1:14-21 Ja'64.

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.

*

MAYEROVA, A.; MAYER, V.

Improved plaque assay of Tshyna virus (complex of California encephalitis). Acta virol (Praha)[Engl] 8 no.1: 95 Ja'64.

1. Regional Sanitary - Epidemiological Station, Bratislava, and Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.

*

ZAVADA, J.; MAYER, V.

A hypothesis to explain some quantitative peculiarities of the plaque titration of tick-borne encephalitis virus. Acta virol. (Praha) [Eng.] 8 no.2:104-112 Mr.'64

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.

*

MAYER, V. KOZUCH, O.

Detection of antibodies against Kemerovo virus by the plaque technique. Acta virol. (Praha) [Eng.] 8 no.2:190 Mr'64.

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.

*

MAYER, V.; KOZUCH, O.; LISIKOVA, H.; ZAVADA, J.

Some biological and physico-chemical properties of Kemerovo virus. Acta virol. (Praha) [Eng.] 8 no.4:302-311 J1 '64.

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.

MAYER, V.

Study of the virulence of tick-borne encephalitis virus. I. .
Biological evaluation of large-plaque and small-plaque variants
of viruses of the tick-borne encephalitis complex. *Acta virol.*
(Praha) [ing.] 26: 359-362, 1982.

/ Institute of Virology, Czechoslovak Academy of Sciences.
Bratislava.

MAYER, V.; KOZUCH, O.

Plaque neutralization -- a sensitive method for detection of antibodies against Kemerovsky virus. Cesk. epidem. 13 no.4: 195-200 J1 '64.

1. Virologicky ustav Ceskoslovenske akademie ved, Bratislava.

MAYERHOVA, A.; MAYER, V.

Simultaneous use of human and monkey epithelial cells in the diagnosis of enterovirus infections. Bratisl. lek. listy 44 no.7:417-422 15 0 '64.

1. Krajska hyg.-epidemiologicka stanica v Bratislave, (riaditel MUDr. F. Schultz,) a Virologicky ustav Ceskoslovenskej akademie ved v Bratislave (riaditel akademik D. Blaskovic, Dr. Sc.).

MAYER, V. V.

Shaped Casting of Copper (Cont.) book, Collection of Articles⁵⁰⁹, Moscow, Mashgiz, 1957.
205 pp. 6,500 copies.

1117-0-10000-10
 the right of the Government to
 publish all matters of the
 and illustrations and drawings of the

126

This paper deals with the practice of melting bronzes in a standard arc furnace. The author discusses the problems peculiar to arc furnaces and the various means of controlling the amount of hydrogen, which is the cause of gaseous porosity of metal. He stresses the importance of avoiding impurities which have an adverse effect on the castings, and proceeds to describe the casting regimes used at the above-mentioned plant. No personalities are mentioned. There are no references.

Card 10/17

MAYER, YA. I.

MAYER, YA. I.

6643 VASILYEV, A. M., MAYER, YA. I., MOROZOV, P. I.
REZULTATY TALIY REZULTATY S PLASTIKAMI I LITERATURNAYA. OPY
KOSH. DASH OSTROIT. ZAVODA IM. I. KALLIYA., L., OTE. KUCHIY-
ASHCHIKH MATERIALOV TEKHN. INFORM. SII, 1954 67 s. s. 111, 20
sm. (M-VO stroit., i dor. mashinostroyeniya ssr. vsesoyuz
PROEKTNO-TEKHNO. IN T VP IS KCHLOPASHI) 1500 BRZ D. IS. AV.
MAZAN MA OBOZRE IT. I. (55-2384)p 21.91025

SO: KCHZ. ANIA L KCHIS' LC. 6, 1955

L 19176-63 EPE(c)/Est(m)/BDS AFFIC/ASD/APGC Pr-4 MN

ACCESSION NR: AR3005460

S/0273/63/000/007/0035/0035 61

SOURCE: RZh. Dvigateli vnutrennego sgoraniya, Abs. 7.39.256

AUTHOR: Mayer, Ya. M., Podgorny*, V. F.

TITLE: Calculation of fuel evaporation in diesels

CITED SOURCE: Tr. Khar'kovsk. politekhn. in-ta, v. 34, 1961, 5-21

TOPIC TAGS: fuel delivery apparatus, diesel, fuel evaporation, fuel loss, evaporation

TRANSLATION: The article deals with the computation of the amount of fuel evaporation carried out for a number of described assumptions. To determine the amount of fuel vapor formed during the period of retarded self-ignition, the authors took elementary segments representing $1-3^\circ$ of the angle of rotation of the crankshaft. The calculation of fuel evaporation was carried out for 2M and U-202 diesels. Experiments were carried out in which various laws of fuel delivery were achieved by changing cams on the 2M engine and employing a U-202 engine fuel injection regulator. From the amount of fuel evaporating during the

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L 19176-63

ACCESSION NR: AR3005460

period of retarded self-ignition, a calculation was made of the pressure increase during combustion; this was compared with corresponding values obtained from indicator diagrams. The greatest deviation of the combustion pressure between the two figures was 1.8%. The calculated results, without taking into account the drop distribution in the pilot flame and the rate of relative motion of the drops and air result in the exaggeration of the computed values of the maximum combustion pressure by up to 11.4%. The amount of evaporating and burning fuel during the period of retarded self-ignition is not proportional to the amount of fuel delivered during this period, and depending on the conditions in the cylinder and injection conditions varies from 11 to 63%. Six illustrations. Five tables. Bibliography with 30 titles. P. Shelest.

DATE ACQ: 08Aug63

SUB CODE: FL

ENCL: 00

Card 2/2

L 19891-63

EWG(s)-2/EWT(1)/EDS AFFTC Pw-4

ACCESSION NR: AR3005026

S/0273/63/000/006/0035/0035

SOURCE: RZh. Dvigateli vnutrennego sgoraniya, Abs. 6.39.287

AUTHOR: Mayer, Ya. M.; Groza, V. F.; Pozarskiy, V. N. X B

TITLE: On the determination of the hydraulic characteristic and the discharge coefficient of open and valve-nozzle atomizers

CITED SOURCE: Tr. Khar'kovsk. politekh. in-ta, 34, 1961, 59-79

TOPIC TAGS: fuel delivery apparatus, atomizer, open atomizer, valve-nozzle atomizer

TRANSLATION: The suggested method of obtaining the hydraulic characteristic of open and valve nozzle atomizers from two experimental values is simple, sufficiently precise, and may be recommended for application in analogous cases. The analytic expressions obtained for the discharge and discharge coefficient make it possible to find their values with still higher values of P than is customary in special installations.

DATE ACQ: 01Jul63

SUB CODE: F1,MD

ENCL: 00

Card 1/1

MAYER-GURR(Dr.)

Poland

Podstawowe zagadnienia eksploatacje zloz ropnych--Institut Naftowy 1948 .

SO: Oil Wells, by Z. Onyszkiewicz, PWSZ, Warsaw, 1955, Unclassified.

L 24835-65 EWT(1)/EWG(v)/EEG(t) Pa-5/Po-4/Pac-2 GW

ACCESSION NR: AP4049479

S/0020/64/159/002/0294/0297

AUTHOR: Mayeva, E.V.

27
25
B

TITLE: Some calculations of the thermal history of Mars and the moon

SOURCE: AN SSSR. Doklady*, v. 159, no. 2, 1964, 294-297

TOPIC TAGS: Mars, moon, thermal history, planetary evolution, surface temperature,

TOPIC TAGS: Mars, moon, thermal history, planetary evolution, surface temperature, uranium content

ABSTRACT: Extending previous calculations on the thermal history and future development of planets from the Earth to Mars and the moon, using an electronic computer, the author investigated the heat evolution of Mars and the moon and the cooling of the moon. With a uranium content of $1 - 3 \times 10^{-8}$ g/g and a thorium content 4 times as large, and assuming a uniform distribution, the age of Mars, dating from the completion of formation, was calculated at $0.2 - 0.4 \times 10^9$ years. The surface temperature was calculated to be constant at 230K. Using Zharkov's and Affen's curves for Earth converted to Mars coordinates, the authors calculated central temperatures of 2470 and 3260K, respectively. The heat capacity was found to increase linearly from 0.25 to 1.25 cal/g-deg at 100C above the

a function of temperature, pressure, and composition

Card 1/2

L 24835-65

ACCESSION NR: AP404B479

0.28 to 0.41×10^{-6} cal/cc-sec. For a refractive index of 2-3, almost all of the interior
of the planet below 200 km is in a state of partial or complete liquefaction; at a refractive

ROGINSKAYA, TS.A., dotsent; MAYERCHIK, A.A., kand.med.nauk; OSMANENKOVA,
V.Yu., assistant; VOLYNKIN, Ya.G., assistant

In memory of Professor Abram L'vovich Brudnyi. Vop.otorin. 21
no.6:118-119 N-D '59. (MIRA 13:4)
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MAYERGOYZ, D. N.

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Arithmetic - Study and Teaching

Method of reviewing whole numbers in the
fifth grade

Mat. v shkole no. 2 March-April 1952

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- [illegible]

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Methods for plotting graphs. Mat. v shkole no.6:9-18 N-D '56.

(MIRA 10:1)

(Mathematics--Graphic methods)

MAYERGOYZ, D.M.

Literature on the psychology of teaching mathematics.

Vop.psikhol. 3 no.3:142-152 My-Je '57.

(MLRA 10:8)

1.Kafedra metodiki prepodavaniya matematiki pedagogicheskogo
instituta imeni M. Gor'kogo, Kiyev.

(Mathematics--Study and teaching)

MAYERGOYZ, D.M. (Kiyev); ZAZOYEV, A.G. (Yelabuga); OSIPOVA, M.I.
(Miron)

Discussion of A.N.Barsukov's book "Algebra." Part 2. Mat.v
shkole no.4:70-81 Jl-Ag '59. (MIRA 12:11)
(Algebra) (Barsukov, A.N.)

MAYERGOYZ, D.M. (Kiyev)

Discussion of the book "Algebra." Part 2, by V.M.Bradis
and others; edited by A.I.Markushevich. Mat.v shkole no.4:
81-85 J1-Ag '59. (MIRA 12:11)
(Algebra) (Bradis, V.M.) (Istomin, N.S.)
(Markushevich, A.I.) (Sikorski, K.P.)

MAYERGOYZ, I.

Nikolai Nikolaevich Baranskii, 1881-1964, and Soviet urban
geography. Vop. geog. no.66:3-5 '65.

(MIRA 18:6)

MAYERGOYZ, I.D. (Penza)

Estimating the error in the numerical solution of boundary value problems for certain elliptic equations using the net-point method. Zhur. vych. mat. i mat. fiz. 5 no.2:357-360 Mr-Ap '65.
(MIRA 18:5)

MAYERGOYZ, Isaak Davidovich, student 5-go kursa

Use of Green's function modeling for solving the Poisson equation.
Izv. vys. ucheb. zav.; elektromekh. 5 no.12:1416-1418 '62.

1. Elektromekhanicheskiy fakul'tet Novocherkasskogo politekhnicheskogo
instituta. (MIRA 16:6)

(Potential, Theory of) (Differential equations)

L 56474-65 EWT(d) IJP(c)

ACCESSION NR: AP5009400

S/0208/65/005/002/0357/0360
518:517.944/.947

AUTHOR: Mayergoyz, I. D.

TITLE: On error estimates for the numerical solution of boundary value problems for certain equations of elliptic type by the network method

SOURCE: Zhurnal vychislitel'noy matematiki i matematicheskoy fiziki, v. 5, no. 2, 1965, 357-360

TOPIC TAGS: elliptic differential equation, boundary value problem, numerical method

ABSTRACT: For the equation $L\varphi = \frac{\partial^2 \varphi}{\partial x^2} + \frac{\partial^2 \varphi}{\partial y^2} - \gamma^2 \varphi = f(x, y)$ (1) the following difference equation is set up:

$$L_h \varphi_{ij} = \frac{1}{h^2} [\varphi_{i-1,j} + \varphi_{i+1,j} + \varphi_{i,j-1} + \varphi_{i,j+1} - (4 + h^2 \gamma^2) \varphi_{ij}] = p_{ij}$$

An investigation is made into the error of the solution arising as a result of the approximation of the operator L by the operator L_h . An estimate is given which is more accurate than existing estimates. It is assumed that the functions φ are

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ACCESSION NR: AP5009400

bounded and continuous in the domain of (1) and have up to fourth order derivatives. The problem of error estimates reduces to that of estimating the solution of the following difference boundary value problem:

$$L_h \delta_{ij} = -\frac{h^4}{8} \theta_{ij} M_k \text{ in } D_{h,1}$$

$$\delta_{ij} = 0 \text{ in } C_{h,1}$$

where δ_{ij} is the difference between the approximate and exact solutions at network points

$$|\theta_{ij}| < 1, \quad M_k = \max_D \left\{ \left| \frac{\partial^4 \varphi}{\partial x^4} \right|, \left| \frac{\partial^4 \varphi}{\partial y^4} \right| \right\}.$$

The solution is written in the form $\delta_{mn} = h^4 \sum_i \sum_j g_{ij}^{mn} f_{ij}$

where $f_{ij} = (h^4/8) \theta_{ij} M_k$ and g_{ij}^{mn} , a Green's function, is the solution of the following boundary value problem:

$$L_h g_{ij}^{mn} = F_{ij} \text{ in } D_{h,1}$$

$$g_{ij}^{mn} = 0 \text{ in } C_{h,1}$$

Card 2/3

L 56474-65

ACCESSION NR: A25009400

Thus the problem reduces to an estimate of the sum $\sum_{i,j} |f_{i,j}^{(m)}|$.
Orig. art. has: 15 formulas.

ASSOCIATION: none

SUBMITTED: 16Mar64

ENCL: 00

SUB CODE: MA

NO REF SOV: 001

OTHER: 000

ZAFATOVA, N.A.; MAYERGOYZ, I.I.; SHEVTSOV, M.A.

Modern equipment for the preparation of controlled atmospheres.
Metalloved. i term. obr. met. no.9:21-26 S '64.

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cheskogo oborudovaniya.

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report submitted for 7th Intl Cong, Anthropological & Ethnological Sciences,
Moscow, 3-10 Aug 64.

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19G107

USSR/Geog Studies 6202.0318

1946

"Geographic Location of the City of Stalingrad,"
I. M. Mayergoyz, Geographical Faculty of Moscow
State University, 47 pp

"Voprosy Geografii" Second Symposium

Discusses its macrogeographic location, microlocation, Lower Volga and Caspian, upstream along the Volga and Kama and routes to the Urals, north and northwest from Stalingrad and routes to Moscow and the Baltic area, Lower Don and routes to Donets Basin, south and southwest from Stalingrad and routes to the Eastern Caucasus, Kuban' and Novorossiysk.

IC

19G107

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(MLRa 6:6)

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redaktor.

[Czechoslovakia; a brief economical and geographical characteri-
zation] Chekhoslovakiia; kratkaia ekonomiko-geograficheskaia kha-
rakteristika. Moskva, Gos. izd-vo geogr. lit-ry, 1954. 311 p.

(MLRA 7:11)

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(Geography--Study and teaching) (Kolosovskii, Nikolai Nikolaevich,
1891-1954)

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~~MAYERGOYZ~~, Issak Moiseyevich; VITVER, I.A., professor, otvetstvennyy redaktor;
~~ZARANKIN~~, V.M., redaktor; TEREKHOVA, D.F., tekhnicheskii redaktor

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POL'SKAYA, N.M.; MAYERGOYZ, I.M., red.; OVASAPYAN, A.A., tekhn. red.

[Economic geography of Great Britain; textbook] Ekonomicheskaya
geografiya Velikobritanii; uchebnoe posobie. Pod red. I.M.Maier-
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